

# On, Off, or In Between:

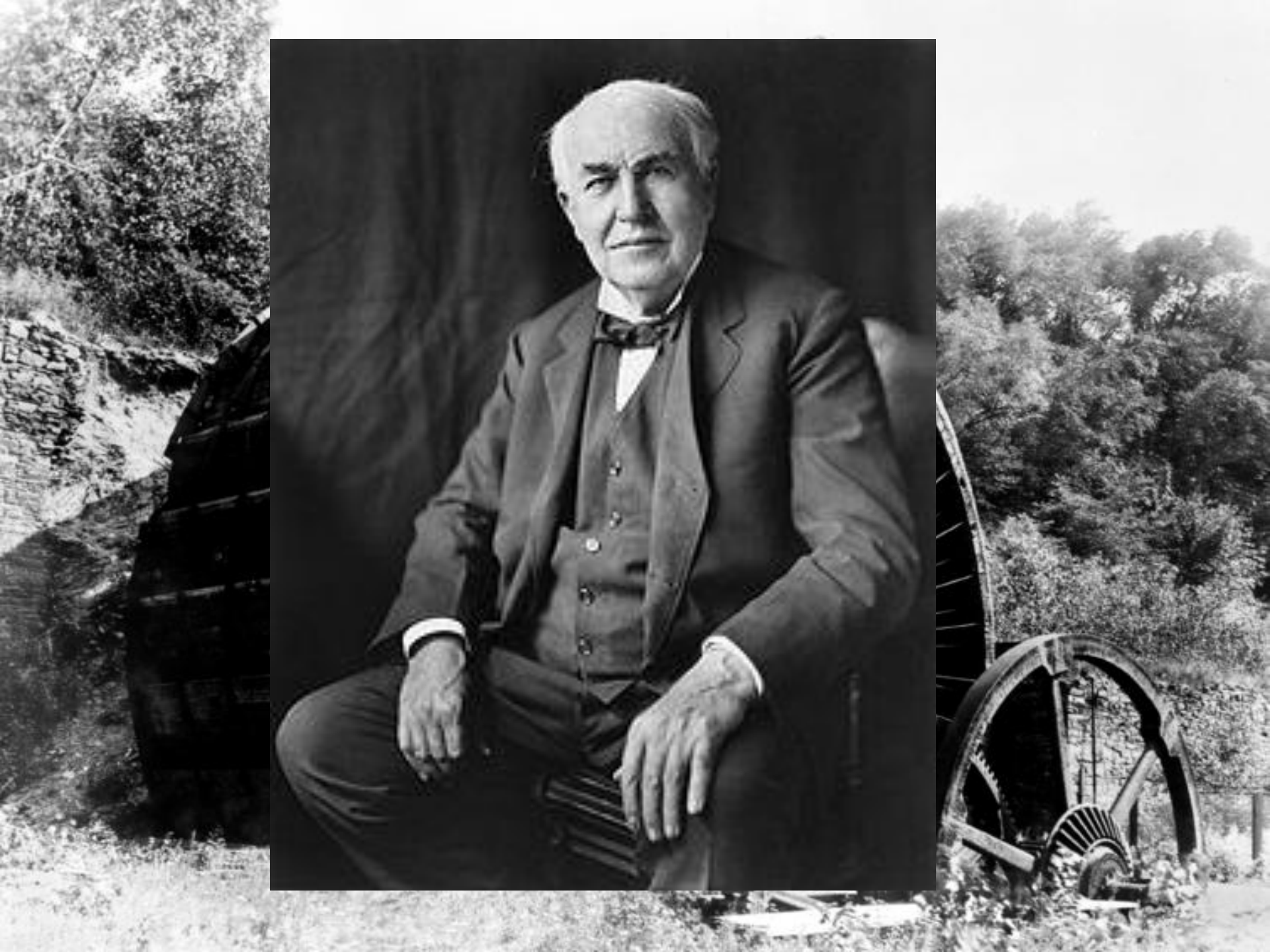
*The Role of On-Premises, Off-Premises and  
Private Clouds in an SOA Infrastructure*

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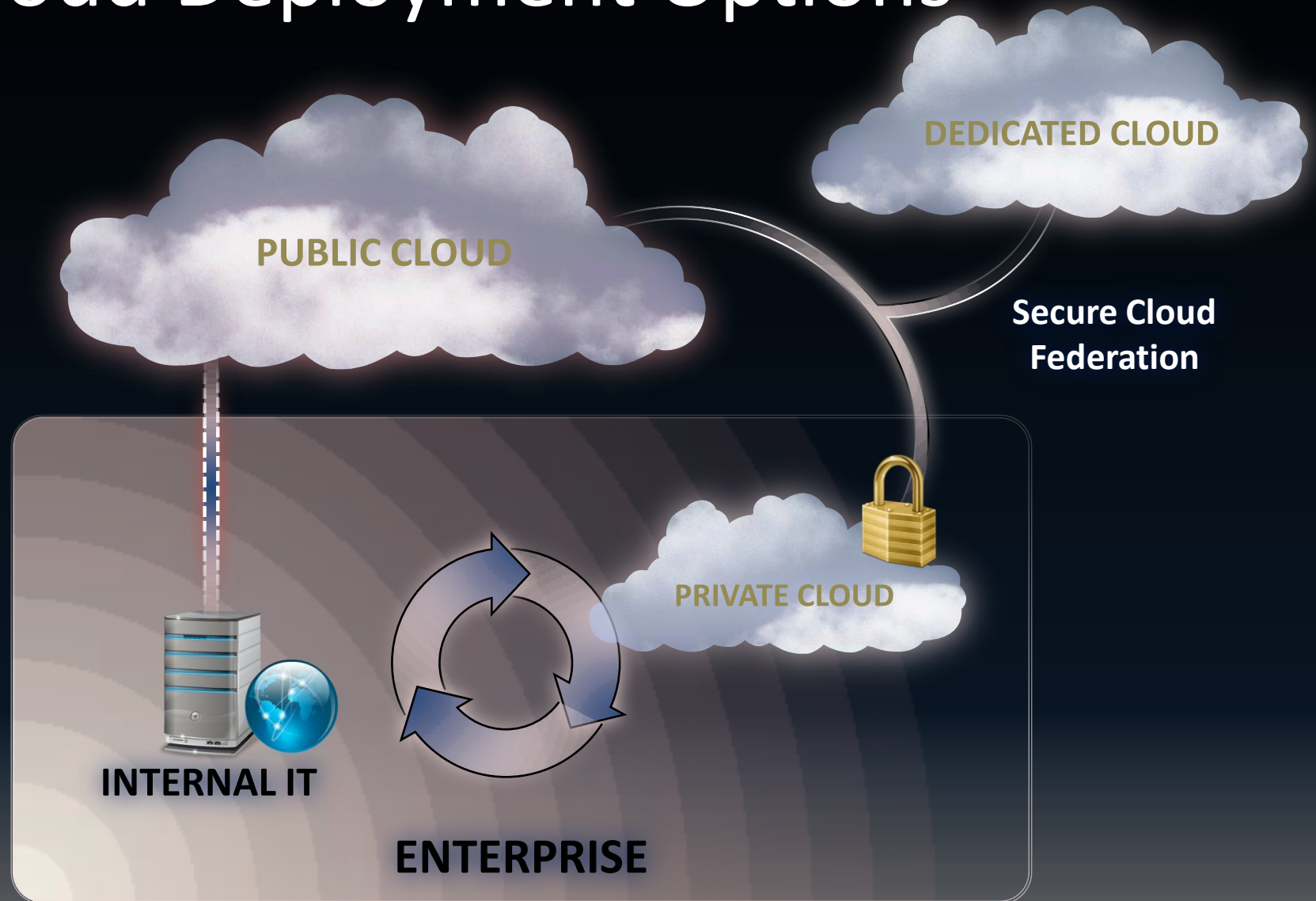
The background of the slide is a photograph of a clear blue sky filled with large, white, puffy cumulus clouds. The clouds are scattered across the frame, with a particularly large one in the upper left and another large cluster in the lower left. The text "What is Cloud Computing?" is written in a white, sans-serif font, positioned in the upper right area of the image.

What is Cloud Computing?

# Generalized Cloud Model

- Service-Oriented
  - Always Available
- Scale-Out
  - Model-Driven
- Self-Service
  - Staged Production
- Federated
  - Failure Resilient
- Elastic
  - Multi-Tenant

# Cloud Deployment Options



# Types of Cloud Services

Software as a Service

Packaged Software

Platform as a Service

OS and an  
Application Stack

Infrastructure as a Service

Servers, Storage, Network

# Options in the Marketplace

SaaS

Microsoft®  
Online Services

salesforce.com®

Google Apps

PaaS

 **amazon**  
web services™  
(S3, SQS)

 Windows Azure™  
Force.com

 Google code

IaaS

 **amazon**  
web services™  
(EC2, VPC)

 Joyent  
 GOGRID

System hosting providers,  
virtualization vendors



**What role should cloud-computing play in SOA**

**Cloud Computing is  
One Component  
to Service Orientation**

A person is silhouetted while sitting on a wooden pier or dock on the right side of the frame. They are looking out over a calm body of water towards a distant shoreline. The sky is a mix of blue and orange, indicating sunset or sunrise. The distant shore is dark with some lights visible, and a few small boats are on the water. The overall mood is contemplative and serene.

# Things to Consider

# Where do you start?

- Not a quick fix
- Look at the people and process issues within
- Define the business case
- Do not get caught up in the hype



When?

**Now**

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**THANK YOU**